

FIG. 1

FIG. 2 is a block diagram of a network architecture. The diagram shows a Client (200) connected to the Internet (210). The Internet (210) is connected to a Content Switch (230). The Content Switch (230) is connected to a Server Farm (240). The Server Farm (240) includes multiple Servers (242, 244, 246). A DNS (220) is also connected to the Internet (210). The diagram illustrates a one-to-one communication between the Client and the Internet, and a one-to-many communication between the Internet and the Server Farm.

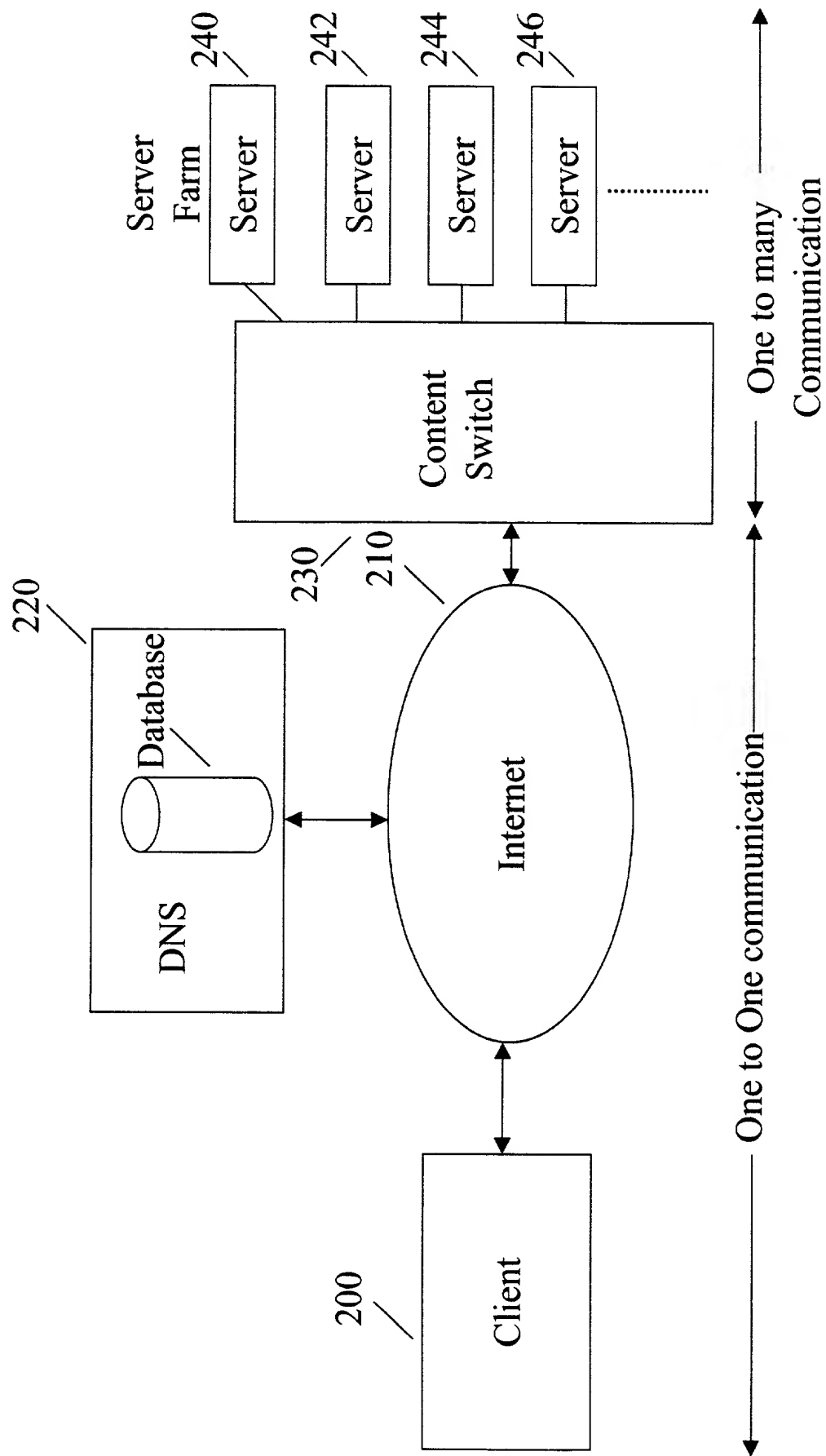


FIG. 2

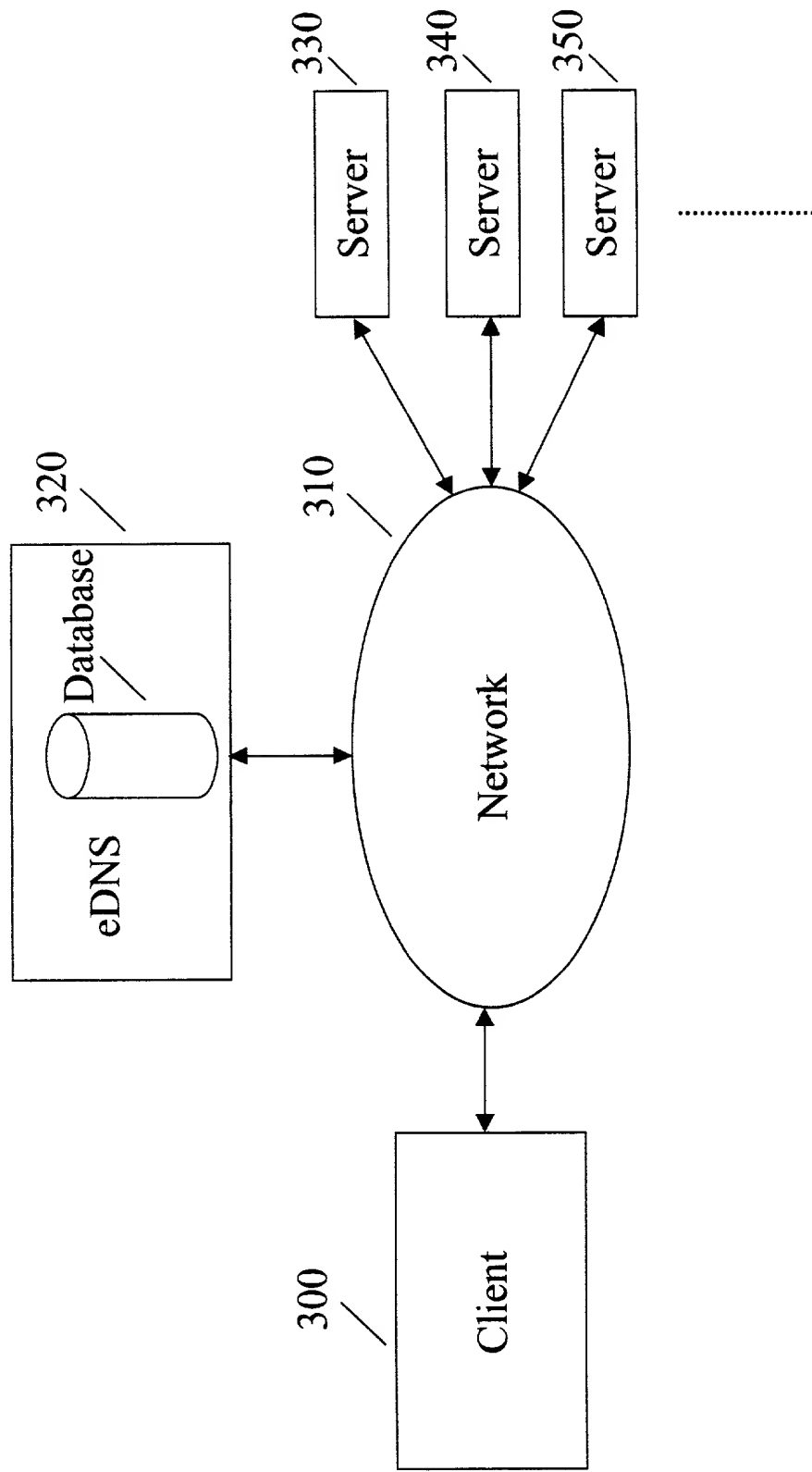


FIG. 3

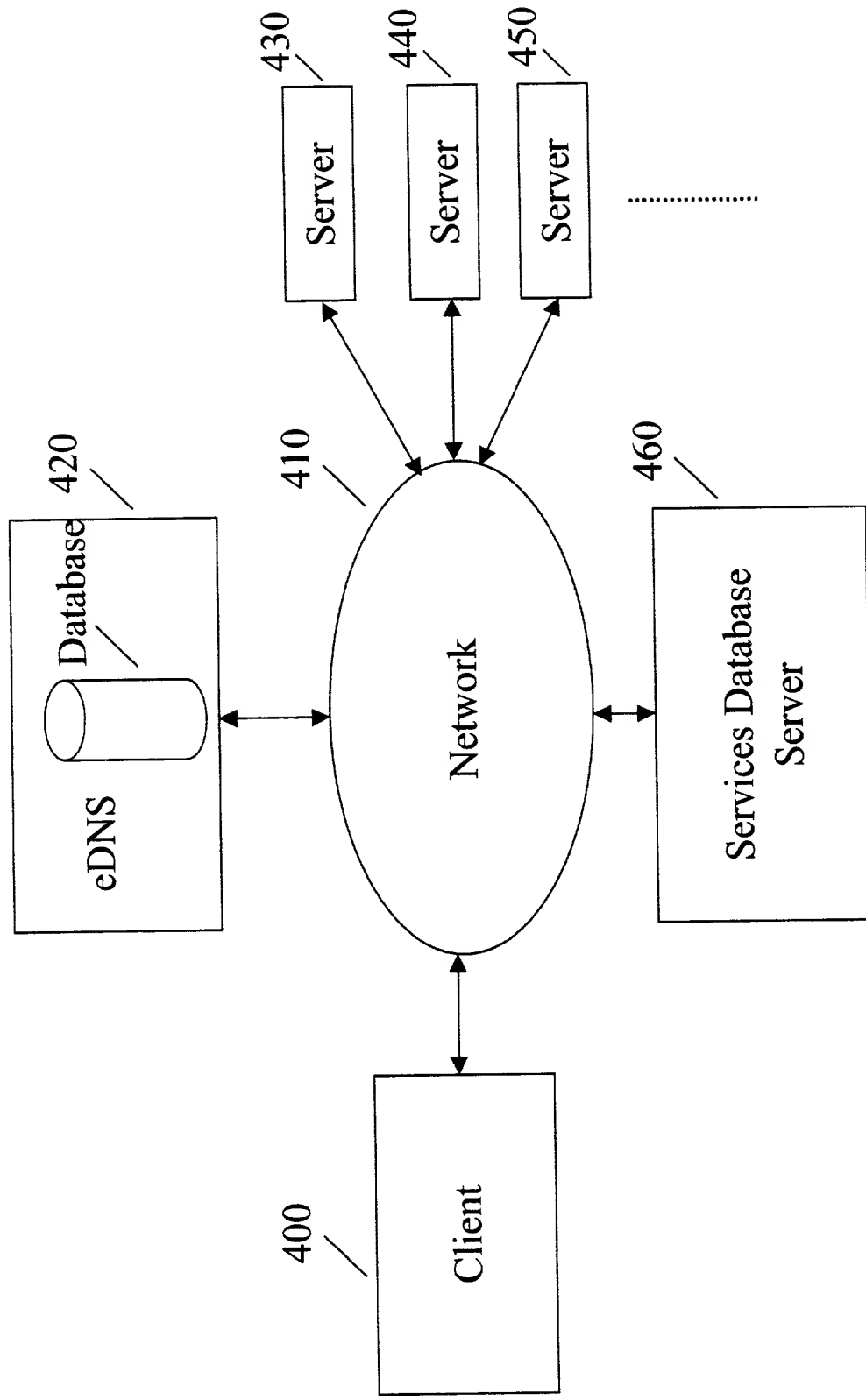


FIG. 4

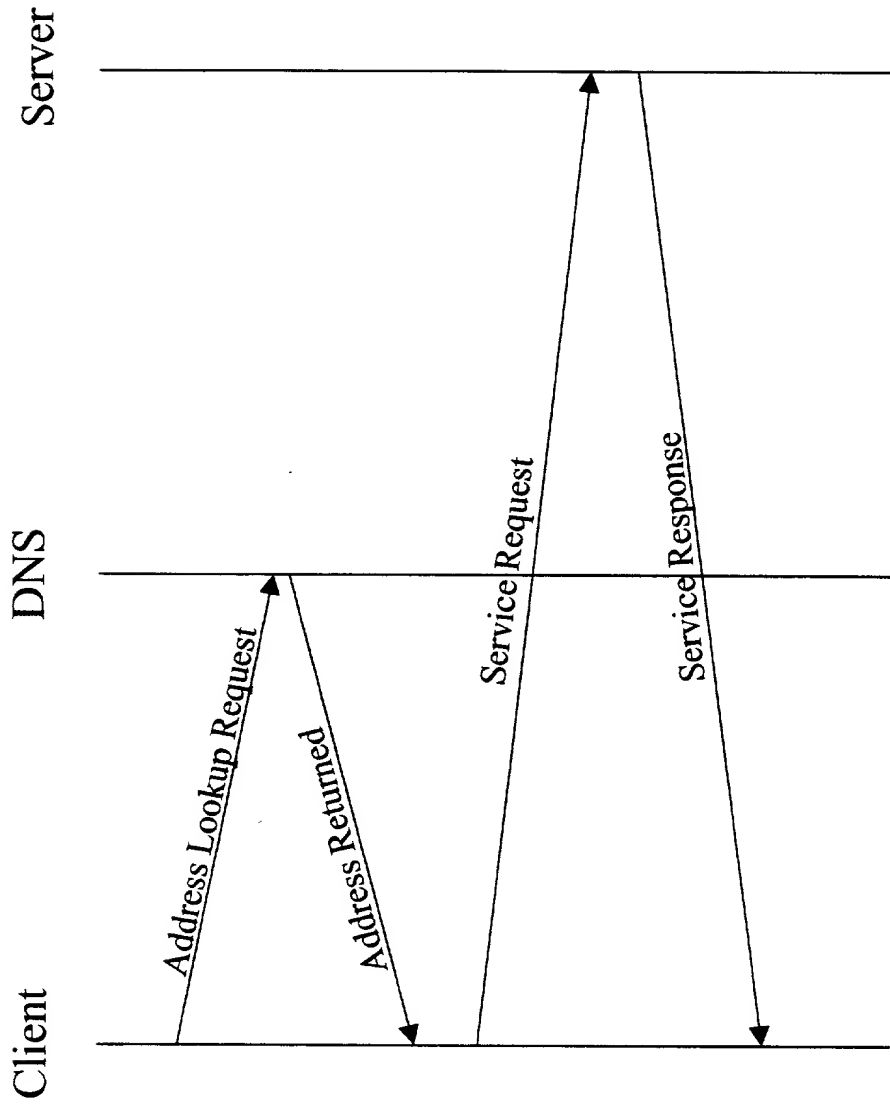


FIG. 5

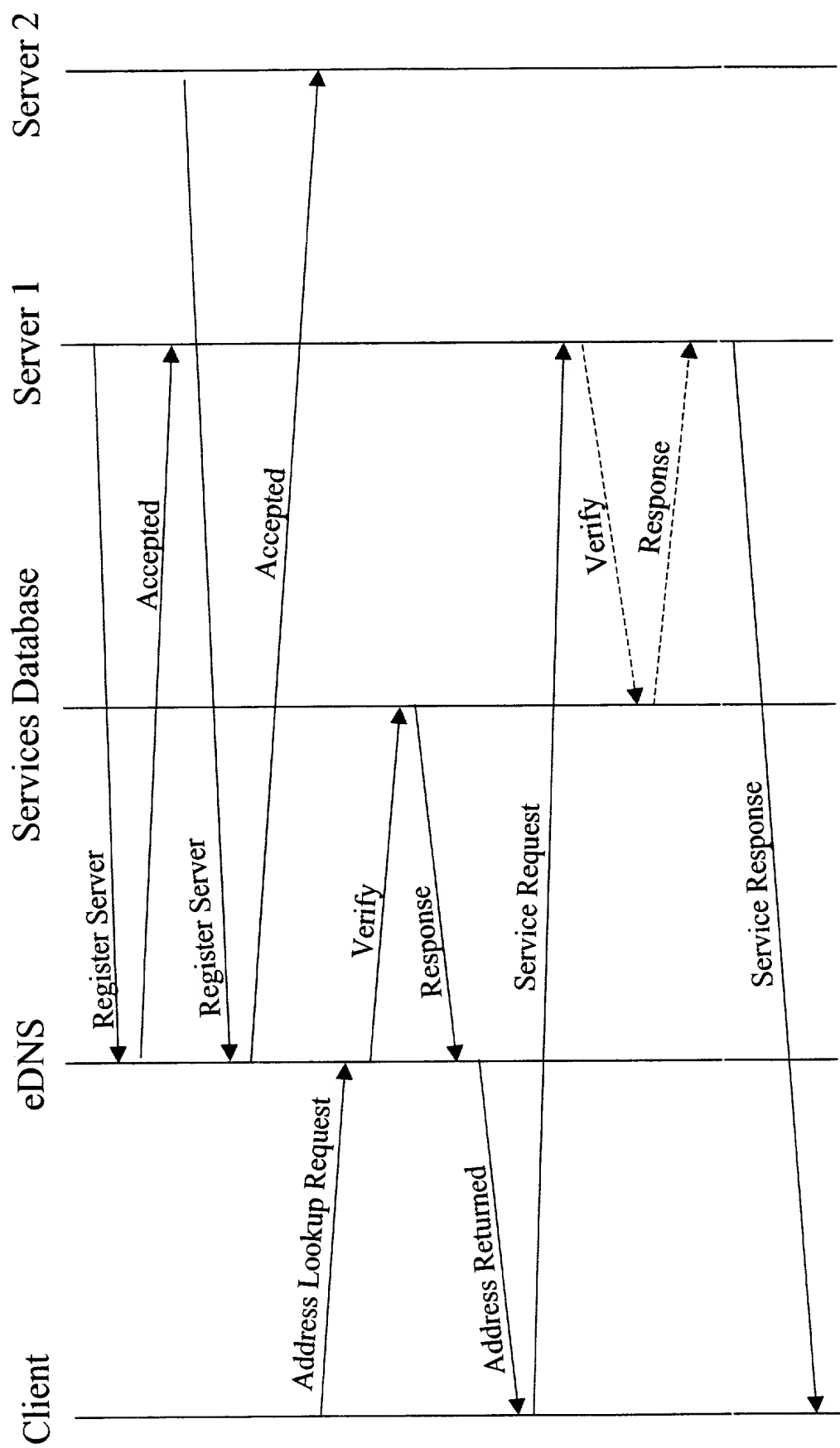


FIG. 6

Client      eDNS      Services Database      Server 1      Server 2

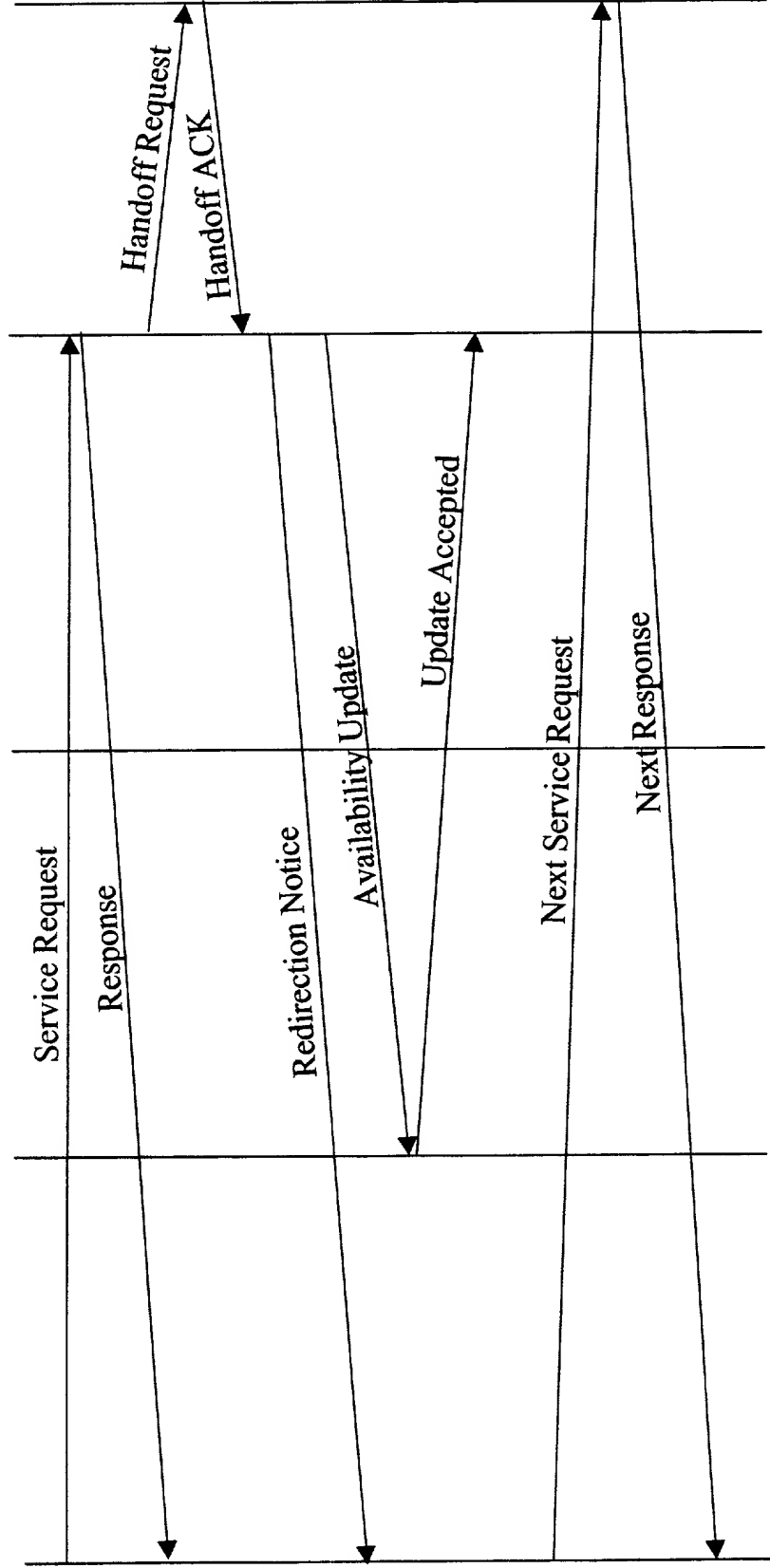


FIG. 7

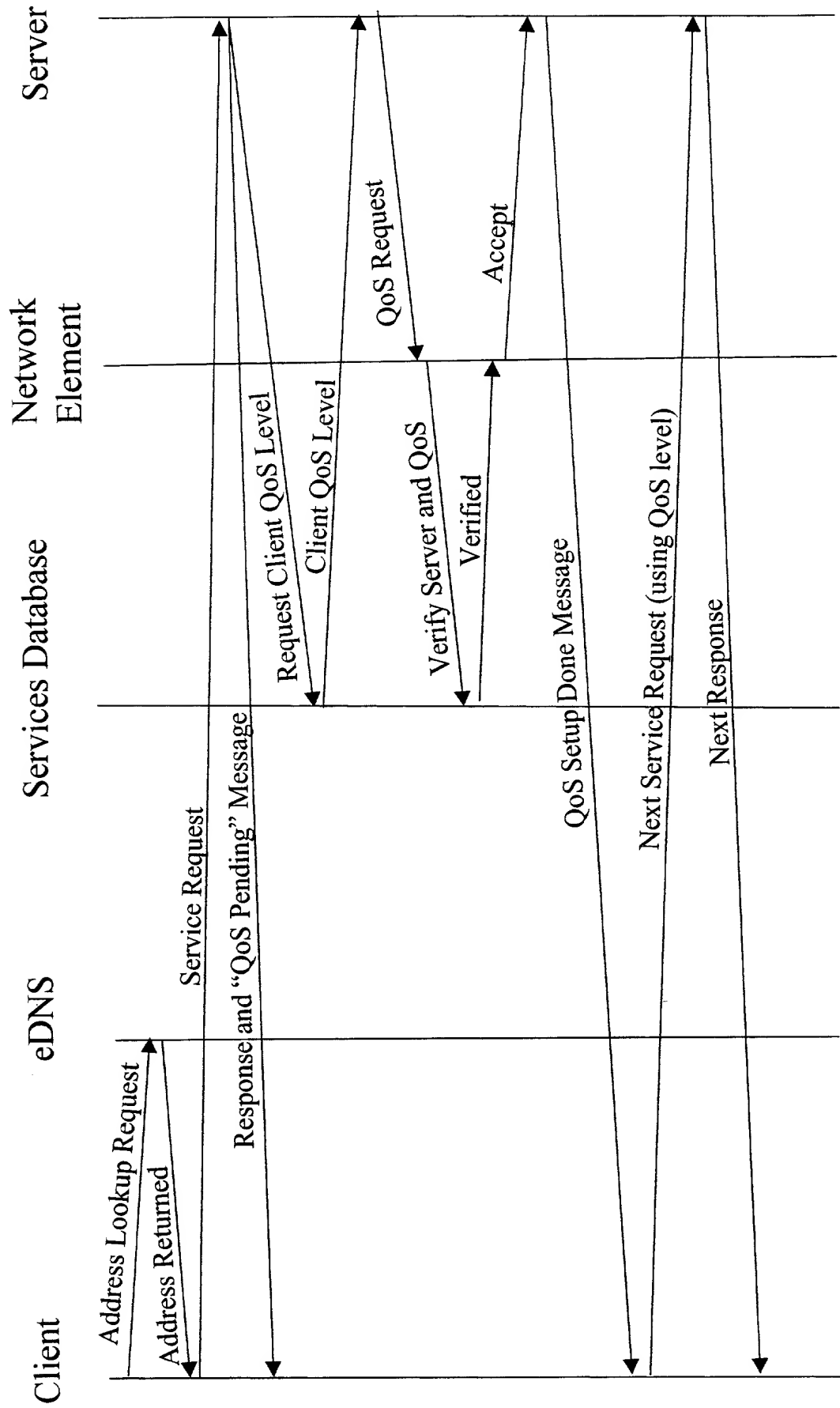


FIG. 8



FIG. 9 is a sequence diagram illustrating a QoS level request and grant process between a Client, eDNS, Services Database, Network Element, and Server.

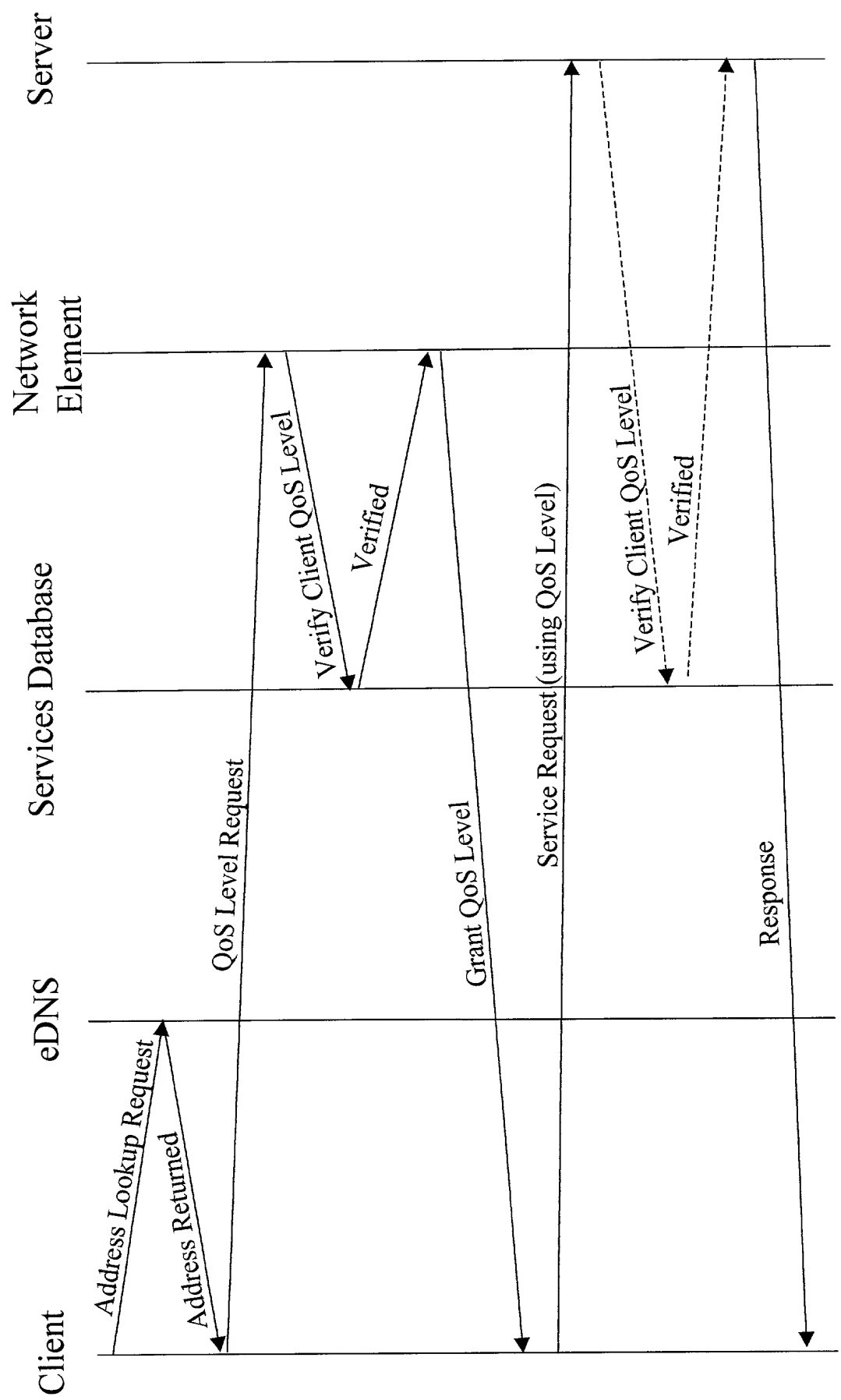


FIG. 9